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Commissioner for Patents  
Washington, D.C. 20231

Sir:

The undersigned, Nokia Networks Oy, is the assignee of the entire right, title and interest of the issued U.S. patents and pending patent applications identified in the attached appendix, by virtue of properly recorded assignment, from the inventors. The Assignments were recorded in the United States Patent & Trademark Office the reel and frame numbers as indicated. The assignee, through the undersigned representative, hereby revokes any and all powers of attorney heretofore granted and hereby appoints the firm of:



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as attorneys to prosecute the applications and to transact all business in the Patent and Trademark Office connected therewith, and with the issued patents. It is respectfully requested that the records of the United States Patent & Trademark Office be updated to reflect this information, and that all correspondence be sent to the address indicated above.

NOKIA NETWORKS OY

Date: 2.1.2005

By: 

(Signature)

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(Name)

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APPENDIX

SSD Case No.	Assignee	Application No.	Filing Date	Patent No.	Issue Date	Reel/Frame	Recordation Date
5964300028	Nokia Networks OY	09/544,667	06-Apr-2000			011030/0497	01-Aug-2000
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6028200011	Nokia Networks OY	09/608,667	30-Jun-2000				011172/0193	10-Oct-2000
6028200012	Nokia Networks OY	09/608,945	30-Jun-2000				011315/0068	20-Nov-2000
6028200013	Nokia Networks OY	09/627,684	28-Jul-2000				011244/0712	13-Nov-2000
6028200014	Nokia Networks OY	09/688,627	16-Oct-2000				011779/0447	07-May-2001
6028200015	Nokia Networks OY	09/699,064	27-Oct-2000				011504/0930	06-Feb-2001
6028200016	Nokia Networks OY	09/741,135	18-Dec-2000				011746/0058	26-Apr-2001
6028200017	Nokia Networks OY	09/716,711	20-Nov-2000				011690/0418	06-Apr-2001
6028200018	Nokia Networks OY	09/717,535	21-Nov-2000				011727/0337	16-Apr-2001
6028200019	Nokia Networks OY	09/734,070	11-Dec-2000				011651/0746	22-Mar-2001
6028200020	Nokia Networks OY	09/748,505	26-Dec-2000				011690/0190	04-Apr-2001
6028200021	Nokia Networks OY	09/751,036	28-Dec-2000				011690/0200	06-Apr-2001
6028200022	Nokia Networks OY	09/792,499	23-Feb-2001				011818/0100	15-May-2001
6028200023	Nokia Networks OY	09/792,611	23-Feb-2001				011818/0003	15-May-2001
6028200024	Nokia Networks OY	09/824,938	03-Apr-2001				011940/0900	02-Jul-2001
6028200025	Nokia Networks OY	09/824,939	03-Apr-2001				011933/0169	29-Jun-2001
6028200026	Nokia Networks OY	09/825,898	04-Apr-2001				011980/0472	13-Jul-2001
6028200027	Nokia Networks OY	09/840,410	23-Apr-2001				012013/0448	27-Jul-2001



6028200028	Nokia Networks OY	09/843,193	26-Apr-2001			012029/0419	30-Jul-2001
6028200029	Nokia Networks OY	09/844,879	27-Apr-2001			012109/0258	24-Aug-2001
6028200030	Nokia Networks OY	09/846,987	01-May-2001			012063/0779	09-Aug-2001
6028200031	Nokia Networks OY	09/848,751	01-May-2001			012115/0141	27-Aug-2001
6028200032	Nokia Networks OY	09/860,190	17-May-2001			012139/0896	07-Sep-2001
6028200033	Nokia Networks OY	09/862,127	21-May-2001			012126/0362	31-Aug-2001
6028200034	Nokia Networks OY	09/862,715	22-May-2001			012118/0619	30-Aug-2001
6028200036	Nokia Networks OY	09/876,462	07-Jun-2001	6,493,564	10-Dec-2002	012267/0795	15-Oct-2001
6028200037	Nokia Networks OY	09/876,562	07-Jun-2001			012392/0045	26-Dec-2001
6028200038	Nokia Networks OY	09/888,660	25-Jun-2001			012799/0463	02-Apr-2002
6028200039	Nokia Networks OY	09/893,028	27-Jun-2001			012389/0384	26-Dec-2001
6028200040	Nokia Networks OY	09/901,814	10-Jul-2001			012523/0281	18-Oct-2001
6028200041	Nokia Networks OY	09/902,027	10-Jul-2001			013005/0284	18-Jun-2002
6028200042	Nokia Networks OY	09/903,901	12-Jul-2001			012398/0975	27-Dec-2001
6028200044	Nokia Networks OY	09/906,372	16-Jul-2001			012274/0073	15-Oct-2001
6028200045	Nokia Networks OY	09/906,377	16-Jul-2001			012920/0755	24-Jul-2002
6028200046	Nokia Networks OY	09/911,219	23-Jul-2001			012408/0257	31-Dec-2001
6028200047	Nokia Networks OY	09/920,362	01-Aug-2001			012455/0219	08-Jan-2002
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6028200049	Nokia Networks OY	09/947,677	06-Sep-2001			012489/0657	14-Jan-2002
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6028200052	Nokia Networks OY	09/952,370	11-Sep-2001			012442/0651	07-Jan-2002
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6028200055	Nokia Networks OY	09/970,757	03-Oct-2001			012675/0714	06-Mar-2002
6028200056	Nokia Networks OY	09/971,909	05-Oct-2001			012416/0761	03-Jan-2002
6028200057	Nokia Networks OY	09/977,899	09-Oct-2001			012480/0343	11-Jan-2002
6028200058	Nokia Networks OY	09/978,431	15-Oct-2001			012456/0473	09-Jan-2002
6028200059	Nokia Networks OY	09/999,569	01-Nov-2001			012558/0521	30-Jan-2002
6028200060	Nokia Networks OY	10/000,242	18-Oct-2001			012561/0125	28-Jan-2002
6028200062	Nokia Networks OY	10/002,242	23-Oct-2001			012566/0175	28-Jan-2002
6028200063	Nokia Networks OY	10/008,783	13-Nov-2001			012602/0196	11-Feb-2002
6028200064	Nokia Networks OY	10/013,098	06-Nov-2001			012624/0434	19-Feb-2002
6028200070	Nokia Networks OY	09/549,102	12-Apr-2000			011053/0893	22-Aug-2000

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6028200072	Nokia Networks OY	09/954,370	17-Sep-2001	6,501,957	31-Dec-2002	012427/0958	03-Jan-2002
6028200073	Nokia Networks OY	09/982,589	17-Oct-2001			012481/0584	10-Jan-2002
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6028200077	Nokia Networks OY	09/757,873	19-Jan-2001			011609/0804	09-Mar-2001